CHEMTECH

NEW JERSEY LAB ID#:20012 : NEW YORK LAB ID#: 11376

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: BG080223

SequenceID : BG080223

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2. GC/MS Tuning Specifications. DFTPP Meet Criteria Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3. GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 series			✓
4. GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series			✓
5. GC/MS Calibration Met:			✓
a. Initial calibration Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.			✓
b. Continuous Calibration(CCC) Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.			✓
CCC (BG058569.D) has compound #62 and 77 failing high but not present in any samples so CCC is ok to use.			
6. Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
a. B/N Fraction			
d. Acid Fraction			

7. Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.	____	____	✓
a. B/N Fraction			
d. Acid Fraction			
8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.	____	____	✓
a. B/N Fraction O3686-14MS/MSD has Recovery failing high for few compounds due to matrix interfrance.			
d. Acid Fraction			
9. Internal Standard Area/Retention Time Shift Meet Criteria Comments:	____	____	✓
10. Extraction Holding Time Met If not met, list number of days exceeded for each sample:	____	____	✓
11. Analysis Holding Time Met If not met, list number of days exceeded for each sample:	____	____	✓

ADDITIONAL COMMENTS:

pratik
Analyst

08/03/2023
Date

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